

Flood Control Project Maintenance
2011 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2063 Crows Landing

Reclamation District No. 2063 Pumping Plant (Nelson Drain)

Overall Unit Rating	Rated Item	Item Rating
U	Operating Log	N
	Operation & Maintenance Manual	N
	Plant Building	A
	Communications	N
	Safety	A
	Cranes	N
	Pumps	U
	Power	A
	Motors, Engines, Fans & Gear Reducers	U
	Pump Control Systems	U
	Sumps/Wet Well	M
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	A
	Flap Gates	N
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

Flood Control Project Maintenance**Unit Cover Sheet****2011 Pumping Plant Inspection Results****Reclamation District No. 2063 Crows Landing**

Pumping Plant
Reclamation District No. 2063 Pumping Plant (Nelson Drain)

Pumping Plant Rating	U
Date of Inspection	7/28/2011
DWR Inspector	Pavel Kazi
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Crows Landing

Structure					Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)						07/28/2011 07/28/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Pump Stations	Operating Log		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was not accessible to inspect operating log.	°	°	1
2			Pump Stations	Operation & Maintenance Manual		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was not accessible to inspect O&M manual.	°	°	2
3			Structures	Photo Documentation			Inspector Comments: Due to lack of response from the maintaining agency this inspection was not able to be completed during the summer 2011 season.	°	°	3
4			Pump Stations	Plant Building		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building appeared to be in good structural condition.	°	°	4 Y
5			Pump Stations	Cranes		N	Inspector Comments: This item was not exist at this location.	°	°	5
6			Pump Stations	Safety		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There was no any significant safety hazard present outside of the pumping plant during inspection.	°	°	6
7			Pump Stations	Pumps		U	Inspector Comments: The pumps were not operated during inspection due to inability to enter the pumping plant.	°	°	7 Y
8			Pump Stations	Motors, Engines, Fans & Gear Reducers		U	Inspector Comments: The pumping plant was not accessible to inspect motors and pumps.	°	°	8 Y
9			Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and adequate.	°	°	9 Y
10			Pump Stations	Pump Control Systems		U	Inspector Comments: Pump control systems were not inspected since the pumping plant was not accessible.	°	°	10
11			Pump Stations	Sluice / Slide Gates		N	Inspector Comments: The slide gate was not visible for inspection.	°	°	11

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)		07/28/2011 07/28/2011	Pavel Kazi

LIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
12			Pump Stations	Sumps/Wet Well		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The sump well had debris and sediments which could obstruct the flow of the pumping operation.	°	°	12 Y
13			Pump Stations	Trash Racks		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The trash racks appear to be fastened in place but collected debris might obstruct the flow through the gate.	°	°	13 Y
14			Pump Stations	Trash Rakes		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes were not present at this plant.	°	°	14
15			Pump Stations	Electric Gate Operators		N	Inspector Comments: This item doesn't exist at this plant.	°	°	15
16			Pump Stations	Flap Gates		N	Inspector Comments: Flap gate was not visible during inspection.	°	°	16
17			Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator appears to be in working condition.	°	°	17 Y
18			Pump Stations	Security Fencing		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was in good condition and appeared to provide protection against unauthorized access.	°	°	19 Y
19			Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The intake and discharge pipes appeared to be in good condition.	°	°	20 Y
20			Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipe appeared to be in good condition.	°	°	21 Y
21			Pump Stations	Communications		N	Inspector Comments: This item was not inspected because the pumping plant was not accessible.	°	°	22

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Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)		07/28/2011 07/28/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building

View of the pumping plant.

pkazi_t_20110822_101.jpg



Levee Mile Report Line	7
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Pumps

View of the pumps at the plant.

pkazi_t_20110831_110.jpg



Levee Mile Report Line	8
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Motors, Engines, Fans & Gear Reducers

View of the pump at the pumping plant.

pkazi_t_20110822_102.jpg



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Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

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Reclamation District No. 2063 Pumping Plant (Nelson Drain)		07/28/2011 07/28/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Power

View of the power sources for the pumping plant.

pkazi_t_20110822_103.jpg



Levee Mile Report Line	12
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Sumps/Wet Well

View of the wet well.

pkazi_t_20110822_104.jpg



Levee Mile Report Line	13
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Trash Racks

View of the trash rack.

pkazi_t_20110822_105.jpg



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Levee Inspection Report By Mile - Structure 2011

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Levee Mile Report Line	17
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Manual Gate Operators

View of the manual gate operator.

pkazi_t_20110825_106.jpg



Levee Mile Report Line	18
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Security Fencing

View of the security fencing.

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Levee Mile Report Line	19
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes

View of the pipes at the plant.

pkazi_t_20110825_108.jpg



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Reclamation District No. 2063 Pumping Plant (Nelson Drain)		07/28/2011 07/28/2011	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Pressurized Pipe
View of the pipe.	
pkazi_t_20110825_109.jpg	

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